

In the specification:

On page 4, please edit the paragraph starting on line 12 as follows:

--FIGURE 2 shows the preferred embodiment of the focus aid 4. The detected electrical signal 26 is passed into a filter bank 40, which contains a multiplicity of bandpass filters 42. Three bandpass filters 42 are shown in this example. Each filter will only allow some band of frequencies to pass. In the example shown, a low pass filter 50 will pass those detected electrical signal 26 frequency components from DC to some low frequency, e.g. 100 Hertz. A medium pass filter 52 will pass those detected electrical signal 26 frequency components from the high frequency end of the low pass filter 50 (100 Hertz) to some intermediate frequency, e.g. 3,000 Hertz. Likewise, a high pass filter 54 will pass those detected electrical signal 26 frequency components from the high frequency end of the medium pass filter 52 (3,000 Hertz) to some higher frequency, e.g. 100,000 Hertz. The exact frequency bands selected depend on details of the scan rates. The frequency bands selected may overlap or not overlap for a particular scanning microscope system. The number of filters needed is also dependent on the particular scanning microscope system.--



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